

CRN#

NATBLD#

68093

SERIAL#

700 11

MODELHL100K3F

WIRE DIAG.....W

WIRE SIZE.....8

HZ.....60

VOLTS.....480

CONTROL VOLT....120.

PHASE.....3

PRESSURE.....TEMP @ 180 DEG

KILOWATTS...100

CAPACITY 338,000 BTU/HR

OPERATIONAL TEST/ELECTRIC AND STEAM

UL FILE # E39545

DAY/MONTH 7 / 10 20 10VOLTS 480 AMPS 119 TOTAL WATTS 100,000PRESSURE 100 DIFF 5HEATER VOLTS 480KW 100PH 3 HZ 60

Reimers Electra Steam, 4407 Matrinsburg, Pike

Clear Brook, Va. 22624 PH 540-662-3811 FAX: 540-665-8101

APPEARANCE ✓BLOWDOWN MAN ✓ AUTO N/ACONDENSATE TANK N/ACONDENSATE & PIPE, ECT N/ACONTROLS ✓ELEMENT ✓FEED HEATER VALVES N/AINSTRUCTION BOOK ✓LEAK INSPECTION ✓PAINT ✓PANEL ✓PIPES ✓PRESSURE CONTROLS N/ASHEET METAL ✓STEAM VALVE N/ASTEAM GAUGE N/ASTRANIER N/AWARNING TAGS ✓WATER GAUGE FITTINGS N/AWIRE TERMINALS TIGHT ✓WIRING DIA. ✓ELEMENT QTY. 5ELEMENT VOLT/KW 480/20

JURISDICTION = VA.

FUEL =ELECTRIC

TEAM

HOT WATER

MAX. W.P. (NAMEPLATE)

MIN. SAFETY VALVE CAP. PPH

MAX. W.P. 100 PSIGMAX. TEMP. 250 DEG FMIN. SAFETY VALVE CAP 341,200 PPH OR BTU
(3412 X KW/)

HYDRO TEST OF COMPLETE BOILER

P.S.I.G. BY DATE

LOW WATER CUTOFF ✓ HI WATER CUTOFF

SAFETY VALVE

CAPACITY 3075,000
LB PER HR.

BTU

OPERATIONAL
TEST ✓

DIELECTRIC VOLTAGE- WITHSTAND TEST:

VOLTS 2352 SAT ✓ UNSAT BY BSS DATE 10/7/10 (IAW U.L. 834)

(CORRECTED/RETEST) BY DATE CORRECTIVE ACTION

NAMEPLATE: O.P. 100 KW 100 VOLTS 480 PH 3 HZ 60Representing Reimers Electra Steam, INC. BY(Print) BRAD BUTTS DATE 10/7/10Signature Brad ButtsINITIAL & DATE OPERATING CONTROLS, SAFETY CONTROLS, SAFETY VALVE ON REVERSE SIDE UPON COMPLETION OF OPERATIONAL TEST PERFORMANCE
(REF: ASME CSD-1, CG-500)



0018134

Page: 1

Work Order Traveler

SCHEDULED START: 09/14/10

DUE DATE: 09/17/10

QUANTITY: 1.00

UNIT OF MEASUREMENT: EA

ITEM NUMBER: HL100K3F

DESCRIPTION: BOILER HLR 100KW 480V 3PH 100#

REVISION: 000

OPTION CODE:

MAKE FOR: I/M

PLANNER:

QTY	PART	DESCRIPTION	QTY	PART	DESCRIPTION
1	02378	AQUASTAT L4008A10015 HW 100-24			
1	02599	AQUASTAT L4008E 1040 HW HI LIM			
2	02433	AQUASTAT WELL .5"W/CLIP HW			
1	02525	AQUASTAT WELL FOR HW T991A			
1	02618	BLOCK POWER DISTRIBUTION 3/500			
1	01776	BOX 4 X 2.125 X 1.875 STEEL CI			
1	02847	BOX COVER BLANK HANDY STEEL CI			
1	20350-23	BRACE HOT WATER BOILERS			
1	01904	BRASS ROD .25" (WELDING ROD)			
1	02203	CEILING PLATE .375			
2	02205	CEILING PLATE .75" I.P.S. FLAN			
1	02206	CEILING PLATE 1" PIPE SIZE			
4	02247	CONDUIT CONNECTOR .5" X 90 DEG			
1	02680	CONTACTOR 25A 24V 3P 8229A-100			
5	02530	CONTACTOR 50A 120V 3P UL/CSA			
1	02234	CRATE 37"W X 76"L X 40"H DOMES			
1	20086B-9	E-BOX 36 X 36 X 6 ELEC PANEL P			
1	20086A	ELECTRICAL BOX 36W 36H 6D			
1	02630	ELECTRODE FITTING CAST WARRICK			
1	20721-HLR	ELECTRONIC BOILER CONTROL HLR			
5	02602	ELEMENT 480V 20KW 3P STRAP Y S			
5	02022	FLANGE GASKET 2" RING			
1	02125	FUSE 250V 15A UL/CSA			
1	04574	FUSE 250V 3 AMP UL/CSA			
15	02134	FUSE 600V 30A UL/CSA			
1	02140	FUSE BLOCK 250V 30A 1P UL/CSA			
5	02613	FUSE BLOCK 600V 30A 3P UL/CSA			
1	20071	GAUGE PLATE HLR 24-550			
1	20861	LABEL MAX. TORQUE 10. LB IN /0			
1	02832	NIPPLE 2" X 10" BLACK EH			
2	04237	NUT & SLEEVE .250" BRASSCRAFT			
1	02569	PRESSURE GAUGE 2.5" PANEL MOUN			
1	02688	PROPORTIONAL CONTROL 55-175F T			
1	HLR-100	SHELL HLR 90;100 (COMPLETE)			
1	20800	STEP CONTROL 6 STEP			
1	02567	THERMOMETER REMOTE MT 2.5"300F			
1	02376	TRANSFORMER 120/24V 45VA HONEY			
1	02514	VALVE BALL .75" 200# SWP			
1	03201	VALVE DRAIN COCK .25" NPT			
1	02657	VALVE SAFETY .75" 100# HOT WAT			
1	20153	WRAPPER HLR 12-108			

PROBE
5 1/8"